

STEREO MOC Status Report  
Time Period: 2012:079 - 2012:085

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 079, during the DSS-25 support, turbo decoder lock was lost briefly at 1810z. This anomaly resulted in the loss of one frame of SSR data. See DR# N107984 for more information.
  - On day 080, for the DSS-43 support, AOS was delayed 2.7 hours due as the antenna was declared red due to a mechanical problem. Telemetry lock was established at 2229z and the SSR pointers were repositioned. Later in the support, the turbo decoder lost lock briefly at 2307z. Two ESA supports were added for DOY 084 to minimize SSR data loss. This anomaly resulted in the loss of 2.7 hours of commanding and tracking data and 103 frames of SSR data loss listed below. See DR# C108599 and N107991 for more information.
  - On day 081, during the DSS 15 support, the transmitter tripped off-line at 1831z due to an alarm condition. The alarm was cleared at 2001z and the track continued one-way only. This anomaly resulted in the loss of 2 hours 14 minutes of commanding and two-way tracking data and several minutes of SSR data for each instrument. See DR# G112469 for more information.
  - On day 082, during the DSS-55 support, turbo decoder lock was lost intermittently at 0745z and again at 0819z. This anomaly resulted in the loss of six frames of SSR data. See DR# N107992 for more information.
  - On day 083, during the DSS-55 support, turbo decoder lock was lost briefly at 0804z. This anomaly resulted in the loss of three frames of SSR data. See DR# N107994 for more information.
  - On day 084, the DSS-62 support (ESA Cebreros) was downlink only as the track was scheduled too early due to a problem with the generation of the viewperiod file. The DSN is correcting.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 4.6 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 080, during the DSS-63 support, turbo decoder lock was lost briefly at 1150z. This anomaly resulted in the loss of two frames of SSR data. See DR# N107987 for more information.
- On day 081, during the DSS-54 support, turbo decoder lock was lost briefly at 1333z. This anomaly resulted in the loss of seven frames of SSR data. See DR# N107989 for more information.
- On day 082, during the DSS-65 support, turbo decoder lock was lost briefly at 1645z and again at 1827z. This anomaly resulted in the loss of seven frames of SSR data. See DR# N107996 for more information.
- On day 084, during the DSS-25 support, turbo decoder lock was lost briefly at 0018z. This anomaly resulted in the loss of one frame of SSR data. A DR has been requested.
- On day 085, during the DSS-63 support, initial telemetry lock was delayed 6 minutes due to a problem at the station. This anomaly resulted in the loss of several minutes of SECCHI SSR data. A DR has been requested.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 5.0 Gbits during this week.